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**UTILITY  
PATENT APPLICATION  
TRANSMITTAL**

Attorney Docket No.: Robert H. Kraus, Jr.

First Inventor or Application Identifier: EJ039304904US

Title APPARATUS USED IN IDENTIFICATION, SORTING AND COLLECTION  
METHODS USING MAGNETIC MICROSPHERES AND MAGNETIC  
MICROSPHERE KITS

Express Mail Label No EJ039304904US

**APPLICATION ELEMENTS****ADDRESS TO:**Box Patent Application  
Commissioner for Patents  
Washington, DC 20231

1. ☒ \* Fee Transmittal Form (e.g. PTO/SB/17)  
(submit an original and a duplicate for fee processing)
2. ☒ Applicant claims small entity status.  
See 37 CFR 1.27.
3. ☒ Specification [Total Pages: 26]  
☒ Descriptive title of the Invention  
☐ Cross References to Related Applications  
☒ Statement Regarding Fed sponsored R&D  
☐ Reference to sequence listing, a table  
or a computer program listing appendix  
☒ Background of the Invention  
☒ Brief Description of the Drawings (if filed)  
☒ Detailed Description  
☒ Claim(s)  
☒ Abstract of the Disclosure
4. ☒ Drawings(s) (35 U.S.C. 113) [Total Sheets: 1]  
☐ Formal ☒ Informal
5. ☒ Declaration & Power of Attorney  
[Total Pages: 2]  
a. ☒ Newly executed (original or copy)  
b. ☐ Copy from a prior application (37 C.F.R. § 63(d)  
(for continuation/divisional with Box 16 completed)  
c. ☐ **DELETION OF INVENTOR(S)**  
Signed statement attached deleting  
inventor(s) named in the prior application,  
see 37 C.F.R. §§ 1.63(d)(2) and 1.33 (b).

6. ☐ CD-ROM or CD-R in duplicate, large table or  
Computer Program (Appendix)
7. Nucleotide and/or Amino Acid Sequence Submission  
(if applicable, all necessary)  
a. ☐ Computer Readable Copy  
b. Specification Sequence Listing on:  
i. ☐ CD-ROM or CD-R (2 copies): or  
ii. ☐ paper  
c. ☐ Statement verifying identity of above copies

**ACCOMPANYING APPLICATION PARTS**

8. ☒ Assignment Papers (cover sheet & documentation)
9. ☐ 37 C.F.R. § 3.73(b) Statement (when there is an assignee) ☐ Power of Attorney
10. ☐ Information Disclosure Statement (IDS)/PTO-1449 ☐ Copies of IDS Citations
11. ☐ Preliminary Amendment
12. ☒ Return Receipt Postcard (MPEP 503)  
(should be specifically itemized)
13. ☐ Certified Copy of Priority Document(s)  
(if foreign priority is claimed)
14. ☒ Request and Certification Under 35 U.S.C. 122(b)(2)(b)(i)
15. ☐ Other:

16. If a CONTINUING APPLICATION, check appropriate box, and supply the requisite information below and in a preliminary amendment:

☐ Continuation ☐ Divisional ☐ Continuation-in-part (CIP) of prior application S.N. \_\_\_\_/\_\_\_\_.

Prior application information: Examiner

Group/Art Unit:

For CONTINUATION or DIVISIONAL APPS only: The entire disclosure of the prior application, from which an oath or declaration is supplied under Box 4b, is considered a part of the disclosure of the accompanying continuation or divisional application and is hereby incorporated by reference. The incorporation can only be relied upon when a portion has been inadvertently omitted from the submitted application parts.

**16. CORRESPONDENCE ADDRESS**

Name: Bruce H. Cottrell

Address: Los Alamos National Laboratory  
LC/IP, MS A187

City: Los Alamos State: New Mexico Zip Code: 87545

Country: United States Telephone: (505) 667-9168 Fax: (505) 665-4424

Name (Print/Type): Bruce H. Cottrell

Registration No. (Attorney/Agent): 30,620

Signature:

Bruce H. Cottrell

Date:

Nov. 27, 2001

# FEE TRANSMITTAL

## For FY 2002

Patent fees are subject to annual revision

### Complete if Known

Application Number: \_\_\_\_\_  
 Filing Date: \_\_\_\_\_  
 First Named Inventor: Robert H. Kraus, Jr.  
 Examiner Name: \_\_\_\_\_  
 Group/Art Unit: \_\_\_\_\_  
 Attorney Docket No.: S-97,799

### METHOD OF PAYMENT

1. ☒ The commissioner is hereby authorized to charge indicated fees and credit any over payments to:  
 Deposit Account Number: **12-2150**  
 Deposit Account Name: **Los Alamos National Laboratory**  
☒ Charge Any Additional Fee Required Under 37 C.F.R. 1.16 and 1.17  
☒ Applicant claims small entity status. See 37 CFR 1.27

### FEE CALCULATION

#### 1. BASIC FILING FEE

Large Entity Small Entity

Fee	Fee	Fee Description	Fee Paid
\$740	\$370	Utility filing fee	370.00
\$740	\$370	Reissue filing fee	
\$160	\$80	Provisional filing fee	

**SUBTOTAL (1) \$370.00**

#### 2. EXTRA CLAIM FEES

Total Claims	Extra Claims	Fee from Fee Paid Below	Fee Paid
42	-20** = 22	X 9 =	\$198
Independent Claims	4	-3** = 1	X 42 = \$42
Multiple Dependent			=

\*\* or number previously paid, if greater; For Reissues, see below

Large Entity Fee	Small Entity Fee	Fee Description
\$18	\$9	Claims in excess of 20
\$84	\$42	Independent claims in excess of 3
\$280	\$140	Multiple dependent claim, if not paid.
\$84	\$42	** Reissue independent claims over original patent
\$18	\$9	** Reissue claims in excess of 20 and over original patent

**SUBTOTAL (2) \$240**

### FEE CALCULATION (continued)

#### 3. ADDITIONAL FEES

Large Entity Fee	Small Entity Fee	Fee Description	Fee Paid
\$130	\$65	Surcharge – late filing fee or oath	
\$50	\$25	Surcharge – late provisional filing fee or cover sheet	
\$2,520	\$2,520	For filing a request for reexamination	
\$110	\$55	Extension for reply within first month	
\$400	\$200	Extension for reply within second month	
\$920	\$460	Extension for reply within third month	
\$1,440	\$720	Extension for reply within fourth month	
\$1,960	\$980	Extension for reply within fifth month	
\$320	\$160	Notice of Appeal	
\$320	\$160	Filing a brief in support of an appeal	
\$280	\$140	Request for oral hearing	
\$110	\$55	Petition to revive – unavoidable	
\$1,280	\$640	Petition to revive – unintentional	
\$130	\$130	Petitions to the Commissioner	
\$50	\$50	Petitions related to provisional applications	
\$180	\$180	Submission of Information Disclosure Statement	
\$740	\$370	Filing a submission after final rejection (37 CFR 1.129 (a))	
\$740	\$370	For each additional invention to be examined (37 CFR 1.129(b))	
\$300	\$300	Publication fee for early, voluntary, or normal publication	

Other fee (specify) \_\_\_\_\_

Other fee (specify) \_\_\_\_\_

**SUBTOTAL (3) \$0**

Reduced by Basic Filing Fee Paid

**SUBTOTAL FROM 1 \$370**

**SUBTOTAL FROM 2 \$240**

**SUBTOTAL FROM 3 \$0**

**TOTAL AMOUNT OF PAYMENT \$610**

### SUBMITTED BY

Printed Name: Bruce H. Cottrell

Signature: *Bruce H Cottrell*

Date: Nov. 27, 2001

### Complete (if applicable)

Reg. No 30,620

Telephone (505)667-9168

(11/29/00)

**REQUEST AND CERTIFICATION  
UNDER  
35 U.S.C. 122(b)(2)(b)(i)**

First Named Inventor: Robert H. Kraus, Jr.

Title: APPARATUS USED IN IDENTIFICATION,  
SORTING AND COLLECTION METHODS USING  
MAGENTIC MICROSPHERES AND MAGNETIC  
MICROSPHERE KITS

Atty Docket Number: S-97,799

I hereby certify that the invention disclosed in the attached application **has not and will not be** the subject of an application filed in another country, or under a multilateral agreement, that requires publication at eighteen months after filing.

I hereby request that the attached application not be published under 35 U.S.C. 122 (b).

Nov. 27, 2001

Date

Bruce H. Cottrell

Signature

Bruce H. Cottrell

Typed or printed name

This request must be signed in compliance with 37 CFR 1.33(b) and submitted with the application **upon filing**.

Applicant may rescind this nonpublication request at any time. If applicant rescinds a request that an application not be published under 35 U.S.C. 122(b), the application will be scheduled for publication at eighteen months from the earliest claimed filing date for which a benefit is claimed.

If applicant subsequently files an application directed to the invention disclosed in the attached application in another country, or under a multilateral international agreement, that requires publication of applications eighteen months after filing, the applicant **must** notify the United States Patent and Trademark Office of such filing within forty-five (45) days after the date of the filing of such foreign or international application. **Failure to do so will result in abandonment of this application (35 U.S.C. 122(b)(2)(B)(iii)).**

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